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|  | **Name of the equipment:**  GPU Server  **Make & Model:**  Gigabyte 2U PCIe V100  **I-Stem Registration ID:**  3245581  **Source of funding:**  Plan fund 2019-20  **Location:**  ITL 305  **Description of Instrument:**  The G182-C20 is designed for demanding high-bandwidth applications such as virtualization, media centers, content creation, and data centers. Its support for high-performance GPUs like the NVIDIA Tesla V100 makes it suitable for AI model training, deep learning inference, and HPC workloads. |

**Booking Details**

**GPU Server**

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| **Book through I-STEM:**  <https://www.istem.gov.in/>  **Slot Booking Link**  [I-STEM Slot Booking link for External User](https://www.istem.gov.in/equipment-info/45581/GPU-Server) | **Booking available for**  Internal and External Both  **Requisition form for**  [Internals](https://randc.nitc.ac.in/pdf/instruments/csed/Internal.pdf)  [Externals](https://randc.nitc.ac.in/pdf/instruments/csed/External.pdf) |

**Contact Details**

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**Features and specifications**

Rack Server

**Processor** -Intel Xeon Silver 4214R , 2.40 GHz.

**RAM -** 92 GB, TruDDR4 2933MHz (1Rx8 1.2V) RDIM

**Storage -** 2.4 TB 7.2K SAS 12Gb Hot Swap 512n HDD

**GPU support -** NVIDIA Tesla V100, 32 GB

**OS -** Ubuntu 20.04

**Unique features/Measurement capabilities, if any:**

GPU support - NVIDIA Tesla V100, 32 GB

**User Charges Rs. (Inclusive of GST)**

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| **Internal** | **External Academic Institutes** | **National R&D Lab** | **Industry** |
| 20 Rs per hour/GPU | 50 Rs per hour/GPU | 100 Rs per hour/GPU | 200 Rs per hour/GPU |